

19970923.qrp v00_n857.qrs.970923

Date: Tue, 23 Sep 1997 19:03:12 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 857

QRP-L Digest 857

Topics covered in this issue include:

- 1) [27251] QRP Afield: AB7TT Held Hostage by Evil Koalas
by Joe Gervais <vole@primenet.com>
- 2) [27252] re: QRP-A
by Monte Stark <ku7y@sage.dri.edu>
- 3) [27253] Re: Heathkit paint !
by wb8ygg@juno.com (Bradley S. Mitchell)
- 4) [27254] Re: QRP-L digest 856
by Bill Carver <bcarver@magiclink.com>
- 5) [27255] QRPA/El Nino/FYBO report
by Paul Harden <pharden@aoc.nrao.edu>
- 6) [27256] 6T9 Tube Transmitter
by Harry Bump <bump@redrose.net>
- 7) [27257] Emergency CW & Code tests for HF. (abt 6.8K bytes)
by ke3fl@juno.com
- 8) [27258] QRP Newbie Question.
by Roger Asbury <fnrla@camelot.acf-lab.uaf.edu>
- 9) [27259] QRP/A
by Ed Loranger <we6w@qsl.net>
- 10) [27260] Re: Emergency CW & Code tests for HF (and alla that stuff)
by Roger Hightower <n7kt@dancris.com>
- 11) [27261] Re: The demise of CW
by Robert Parks <rob3ert@vegas.infi.net>
- 12) [27262] QRP AF, From New England
by Joel Malman <malman@BBN.COM>
- 13) [27263] Demise of CW
by Robert Parks <rob3ert@vegas.infi.net>
- 14) [27264] Virginia Beach, VA ...Hamfest
by Dennis Terribile <wr4i@mindspring.com>
- 15) [27265] FS: EMTECH ZM-1 Z Match ATU
by "Bernard F. Gaffney, Jr." <n8pvz@voyager.net>
- 16) [27266] FS: HW-9
by "Bernard F. Gaffney, Jr." <n8pvz@voyager.net>
- 17) [27267] Re: Va Beach Hamfest
by Bill Crowley <bcrow@Carte.Net>
- 18) [27268] HW9 WANTED
by LHILBORN <lhilborn@visionol.net>
- 19) [27269] QRP Afield, Mystery Antenna Raisers

- by camqrp@cyberg8t.com (Cam Hartford)
- 20) [27270] FS: QRP++ and Companion travel station
by "N4ELM" <n4elm@ipass.net>
- 21) [27271] ** QRP BEACON ** THIS WEEKEND
by Pete Rossi <wa3nna@resuba.com>
- 22) [27272] Wanted 1996 ARRL Handbook
by pmk@juno.com (Patrick M Kvitkauskas)
- 23) [27273] just worked ZL2REX on 17m
by AC6JA@aol.com
- 24) [27274] CW learning info wanted
by Richard Sherman <srichard@aldus.northnet.org>
- 25) [27275] Re: QRP Afield
by "Bob Kellogg" <ae4ic@nr.infi.net>
- 26) [27276] cheap crystals (fwd)
by Monte Stark <ku7y@sage.dri.edu>
- 27) [27277] Re: /P Gusher Vertical Matching
by Joseph Everhart <n2cx@voicenet.com>
- 28) [27278] Re: tube rigs
by w5hvv@aeneas.net (Rod Fitz-Randolph)
- 29) [27279] Re: tube rigs
by Monte Stark <ku7y@sage.dri.edu>
- 30) [27280] BC-611 WW2 HT (QRP) wanted
by Jim W7LS <w7ls@brigadoon.com>
- 31) [27281] Re: QRP Afield a la Desert Rat (long)
by Bob Patten <n4bp@shadow.net>
- 32) [27282] Re: QRP Afield
by Bob Patten <n4bp@shadow.net>
- 33) [27283] BC-611/Whiterook Connection!!
by wpc@west.net (John Roblin)
- 34) [27284] Need copy of article from 12/96 CQ mag
by David Feldman <dgf@netcom.com>
- 35) [27285] CQ "WA2" QRP SSB QNI VFN
by "Ralph L. Irons" <rli8m@weyl.math.virginia.edu>
- 36) [27286] Cascade Mod
by "Fishman, Clark" <cfishman@pica.army.mil>
- 37) [27287] OHR 400
by G3TUX@aol.com
- 38) [27288] K1EL keyer
by "Jeff M. Gold" <jmg@tntech.edu>
- 39) [27289] JPS NIR-12 vs Timewave 599zx
by aa8yo@tir.com (Robert J. Fox)
- 40) [27290] For Sale
by "Al Hunter" <ahunter@inland.net>
- 41) [27291] HW-8 articles wanted
by Michael <MichaelN@cycat.com>
- 42) [27292] Arkansas 40M QRP Net tonight
by Jim <kj5tff@mctc.com>
- 43) [27293] oops

by "Fishman, Clark" <cfishman@pica.army.mil>
44) [27294] W6MMA Address
by Bob Hightower <ki7mn@dancris.com>
45) [27295] Need Schematic HW-7-1 PS
by w8lrm@juno.com (Albert K. Rea)
46) [27296] CQC Summer QSO Party
by "Marshall Emm" <mgemm@mtechnologies.com>
47) [27297] Publishing of QRP Afield results?
by "David Maliniak" <dmaliniak@penton.com>
48) [27298] QRP Afield from N. Ariz. (N7CEE)
by Bruce Grubbs <bog@flagstaff.az.us>
49) [27299] RE: tube rigs -AC/DC
by Steven Weber <kd1jv@moose.ncia.net>
50) [27300] Baluns
by Ronald Hands <rhands@hwcen.org>
51) [27301] QRP AFIELD
by ab5uacw@juno.com (Clifton W Sikes)
52) [27302] Re: CW learning info wanted
by Ed Loranger <we6w@qsl.net>
53) [27303] For Sale
by w7rfm@juno.com (John E Hirsch)
54) [27304] Re: QRP AFIELD
by Ed Loranger <we6w@qsl.net>
55) [27305] Pacificon is 25 Days Away
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
56) [27306] Test
by "Edward A. Stagl" <edstagl@worldnet.att.net>
57) [27307] Heath manual wanted
by "Thomas J. Whalen" <whalen@swcp.com>
58) [27308] RE: BC-611/Whiterook Connection!!
by "DANIEL DOBSON" <DAN DOBSON@classic.msn.com>
59) [27309] QRP Afield
by "Ron Polityka" <wb3aal@talon.net>
60) [27310] FS: MFJ 9040 qrp rig for \$100
by Danh Le <dql@slip.net>
61) [27311] KIT(S) FROM NORCAL
by kreinbd@ccgate.dl.nec.com (David Kreinberg)
62) [27312] Pacificon Antenna Presentation
by Bill Jones <kd7s@psnw.com>
63) [27313] First-time SMD builder suggested tools?
by David Feldman <dgf@netcom.com>
64) [27314] QRP Afield
by "Bob Edwards, W4ED" <w4ed@flash.net>
65) [27315] MFJ 9040 rig sold...
by Danh Le <dql@slip.net>
66) [27316] ZM-1 Sold
by "Bernard F. Gaffney, Jr." <n8pvz@voyager.net>

Date: Mon, 22 Sep 1997 16:00:47 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Subject: [27251] QRP Afield: AB7TT Held Hostage by Evil Koalas
Message-ID: <199709222300.QAA20013@usr04.primenet.com>

Howdy Folks,

Well darnit, I tried. Really I did. But the wiley marsupials sabotaged my every attempt. And you thought badgers were bad.

Worlds collided and my QRP Afield operation from the sunny beaches of San Diego fell apart. Had some business out there over the weekend, and was sure I'd have a chance to get on the air for at least a few hours on Saturday. Maybe even bug ol' Rich (WD6FDD) in nearby Santee. Even had a nice stand of Eucalyptus trees picked out, great site next to a steep drop near UCSD in La Jolla. Hadn't thought to check the trees for koalas though. They knew what my plans were. They overheard me during my scouting mission. They launched a hideous plot against me.

Pulling every bit of clout they had with the local shadow government (a consortium of small furry animals and the Bake Sale syndicates), they made my meeting go on... and on... and on....

There it was - a box with my Sierra and dipole, staring at me from the corner of the room. Taunting me. I could almost feel the CW sigs in the air. Buzzing in my brain. My fillings resonated at HF -60dB down. Must've been K10J and N4BP again. ;-)

So I missed out. :-(But it's nice reading everyone's adventures. Let's me live vicariously through your tales. So please keep 'em coming!

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"It's HOT! Africa hot! Tarzan couldn't take this kinda hot!" -Biloxi Blues

Date: Mon, 22 Sep 1997 16:03:21 -0700 (PDT)
From: Monte Stark <ku7y@sage.dri.edu>
To: Goemans <jgoemans@facstaff.wisc.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [27252] re: QRP-A
Message-ID: <Pine.SUN.3.90.970922160158.29610C-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 22 Sep 1997, Goemans wrote:

> 12 QSOs , mostly on 20 mtrs. Worked AL7FS but no area 51 !

Sorry Paul and all,

I was not able to even turn the radio on!

cu @ PacCom

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Mon, 22 Sep 1997 19:22:08 -0400
From: wb8ygg@juno.com (Bradley S. Mitchell)
To: qrp-l@lehigh.edu
Subject: [27253] Re: Heathkit paint !
Message-ID: <19970922.192209.11262.2.WB8YGG@juno.com>

Ok, under penalty of death,

Don't tell anybody! Rustoleum makes a paint that looks perfect.

If I show up floating in the Erie Canal with a knife in my back, it's
because I revealed this..

Rustoleum, American Accents, Heritage Color Teal 7929

I'm a purist at heart. If you don't need to paint it, don't!!

If it's absolutely necessary, this color looks great. NO not like the

crap

you see at the hamfests! This looks great!, Probably the best you will ever do with an off the shelf color!

73 Brad

WB8YGG

Date: Mon, 22 Sep 97 17:24:39 mst
From: Bill Carver <bcarver@magiclink.com>
To: qrp-1@Lehigh.EDU, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [27254] Re: QRP-L digest 856
Message-ID: <199709222326.TAA38955@nss2.CC.Lehigh.EDU>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

To those who inquired about (gasp!) tubes:

Idaho Tube Bank is run by:

Lee Bunch, WB7CYO
1095 Plainview Drive
Twin Falls, Idaho 83301

If you send him a SASE he'll send out a list of the tubes that are in stock.

Regards - Bill - W7AAZ

Date: Mon, 22 Sep 1997 17:29:49 -0600
From: Paul Harden <pharden@aoc.nrao.edu>
To: qrp-1@Lehigh.EDU
Subject: [27255] QRPA/El Nino/FYBO report
Message-ID: <199709222329.RAA12279@zia.aoc.nrao.edu>

El Nino hit New Mexico friday afternoon and didn't leave until sunday after midnight. Socorro received over 5.5 in. of rain over the weekend, an amazing amount for the desert (our annual rainfall is 9.5 inches).

Inspite of that, setup the station at the VLA observatory, just at the beginning of the north arm, where Jodie Foster sat with her laptop in

the movie CONTACT when she first heard the signals from space. It was drizzling, but got up the St. Louis vertical and inverted vee. About the 3rd QSO on 20M, it turned into a category 23 or something rain. So I retreated to a lean-to building that covers the liquid nitrogen tanks for the waveguide system and operated from there. No sides, just a top, so still kinda wet. With these various interruptions, operated from about 2pm to the 6pm close with 30 Q's on 20M and 17 on 40M, 21 SPC's for a meager 3948 points. However, adding the FYBO (Freeze Your B___ Off) multiplier for the cold/humidity factor takes it up to 17 million points, in round numbers.

It WAS fun. Finally got Alaska thanks to AL7FS ... good job Jim. Worked a good number of 900 milliwatters, most sporting good signals into NM, such as N6WG (working WA6NAE), WE6W, N7CEE ... and a bunch of 2 watters. The ROUGHEST QSO award goes to KJ3V, 3W in AL. Got his 33N exchange first time, but took forever to QSL that call in the mud. He hung in there for ten tries like a trooper. Thanks. Then down on 40M, went through the same thing with AC5AN (Bob) with lightning all around me ... but we made it. Then of course the regular kilowatters were there ... K10J, N4BP, N4ROA, K5ZTY and the like. Gosh those guys always sound good in NM. I missed working most of the AZ gang for some reason, and did snag WQORP on his virgin mission. Always fun working the guys you know from the list.

I had the guard take a photo of me at the first station setup with the VLA antennas behind me. It was drizzling and the visability was only a few antennas. But if it comes out half OK, I'll make up some special CONTACT QSL's. Otherwise, I'll have to use a stock photo laying around the place somewhere.

It was an interesting conversation with the security guard:

GUARD: "So what is this stuff?"

ME: "It's a ham radio station"

GUARD: "So why are you sitting in the rain?"

ME: "Well, I'm participating in a ham radio contest"

GUARD: "So you like win a trip to Hawaii or something if you win."

ME: "Well, no."

GUARD: "So then ... what's the point?"

ME: "You see how many different stations you can work in 6 hours."

GUARD: (After long pause) "What for?"

ME: "For the fun of it"

GUARD: "But it's raining and cold ... you drove 50 miles to get here and you're gonna get sick and die. I don't understand"

ME: "OK. I lied. It *IS* for a trip to Hawaii."

Date: Mon, 22 Sep 1997 19:40:52 -0700
From: Harry Bump <bump@redrose.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [27256] 6T9 Tube Transmitter
Message-ID: <34272C34.5F86@redrose.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi!

Also built the '6T9'er - used it for the first time last year during the ARRL's SKN. Enjoy firing it up; but always end up shaking my head that I'm running the tube with 350v at 30ma for a whoppin' four watts out on 40m!

73,

Harry, KM3D

Date: Mon, 22 Sep 1997 19:40:37 EDT
From: ke3fl@juno.com
To: qrp-l@Lehigh.EDU
Subject: [27257] Emergency CW & Code tests for HF. (abt 6.8K bytes)
Message-ID: <19970922.034131.4719.0.ke3fl@juno.com>

I've been reading two threads close to me, one is about cw and its demise and use for testing, the other its use in emergency-support communications.

Below is my proposal for the future testing requirements for VHF/UHF, General, Advanced, Extra class licenses. It mirrors some of what I have seen here. If you agree with this proposal take it with you to a club meeting and have all like minded ARRL members sign on. If you want more particulars send me an e-mail directly.

As for cw use during support comm. I have been the EC of Carroll county MD for three years (I just turned it over to N3JIA/Rich a Tech+) and I found it impossible to get anyone on cw during an SET Simulated Emergency Test. This year I hope to activate a cw transfer station (HWLOC- Health & Welfare Local to Out of County - or something like that) on October 4th the SET date for 1997.

If you folks are so worried about the use of cw for emergency support comm then I suggest you get off your duffs and volunteer to do it for your local EC I'm sure he/she would be very glad to see you. I know for a fact that the MSN (Maryland Slow Net) which was up during the entire SET in 1996 had not even one piece of traffic pass through it. The MDD (Md, DC, Del) high speed cw traffic net had some traffic, and the MEPN (Md Emergency Phone Net) had too much traffic.

CW for emergency support comm is needed. And to put it to best use it must be practiced. So go and do it. If your area is activating during this year's SET I invite you to send a test health & welfare cw message to N3JIA/EC/Carroll County MD.

Yes the other modes are needed. But if the need should ever arise for CW who will be prepared to use it if you don't get out there and practice CW traffic handling?

I'll be on MDD and MSN if I can this year Oct 4 for SET '97. I hope to hear you there.

=====

Ham Band Proposal, KE3FL 9/5/97

I believe I've come up with a proposal that will satisfy those who want more SSB privileges, those who want to retain the CW requirements, and those who want a simpler structure. I have reduced the requirement for the Advanced CW test from 13 WPM to 10 WPM, and the General from 13 WPM to 5 WPM. Since 10 WPM is twice the speed of 5 WPM my proposal extends the CW privileges for an Advanced license holder to twice as much band space as the General.

Much stock is placed in a name, as was stated in the article in QST. However, I think a good name for the first license class would be VHF/UHF or V/UHF and not "Basic" class. The word basic indicates a beginner, as I guess the ARRL was trying, to do. Yet the proposed Basic license is anything but a beginners license. No other test is required, to gain more VHF/UHF privileges so, in that sense, it is not a beginners license. It could be made a more basic license by limiting the license class to five Watts output power. If we give all V/UHF privileges to these license holders (and I see no reason not to) I would recommend that the test be substantial on knowledge in operating procedures, V/UHF characteristics, and all rules and regulations for this part of the spectrum. I really like the name "VHF-UHF" or "V/UHF." On the amateur license it would say, "Operator Privileges: VHF-UHF." I don't think anything could be more clear.

As for the HF privileges, my overall structure is four classes: V/UHF, General, Advanced, Extra. In reality, there are six classes:

V/UHF, General, Advanced/CW, Advanced/SSB, Extra/CW, and Extra/SSB.
I recommend that one need not pass the Advanced or Extra CW tests if
all one wants are the SSB privileges, and vice versa.

The idea is very simple: ALL tests passed convey more privileges.
The crux of the proposal is to separate CW from SSB privileges.

If the FCC wants to keep track of these privileges, then a simpler HF
class nomenclature might need to be proposed. Something like:

Operating privileges: V/UHF, HF: CW Class 1, SSB Class 2

instead of:

Operating privileges: V/UHF, HF: CW Extra, SSB General

The band usages are conferred in the following manner:

Test	Comments/Covers
VHF-UHF	All rules and regulations on the use of the VHF and UHF bands, allowed bands, frequencies, power, and modes. Any technical topics deemed necessary. (I think they should be extensive technical questions concerning the V/UHF bands/frequencies.)
General	5 WPM CW allows the use of small portions of CW band on all allowed CW bands. (Half the size of the Advanced bands, and one-fourth the size of the Extra bands.) * Written: All rules and regulations covering all the HF bands. All bands, frequencies, power(s), and modes allowed for ALL HF license classes. Any technical topics deemed required. This should include circuits like the old beginner tests so that this person could recognize a CW and SSB receiver and transmitter, perhaps even build a simple one using today's electronics. [IF the V/UHF license is limited to 5W; then include questions of a technical nature to allow the full use of the V/UHF bands in this test.]
Advanced	10 WPM CW. If passed, the person can now use twice as much CW band space. (Twice the size of the General bands and half the size of the Extra bands.) * More SSB band privileges conferred upon passing another written exam more strongly technical in nature than the General exam. Again, the allowed SSB band usage increases by a factor of 2.

Extra 20 WPM CW. If passed, the person can now use all the
 allotted CW band space.
 * All SSB band privileges conferred upon passing another
 written exam more strongly technical in nature than the
 Advanced exam.

Those who pass the General exams should be allowed some portion of the
CW and SSB bands used by DX'ers, again one fourth as much as an
Extra.

There isn't any good reason to reduce the size of the CW/digital
portions of the bands and place them into the phone portion. During
normal operation, there is plenty of room in the phone bands and,
in my opinion, there is enough poor use of the phone spectrum to make
adding more spectrum counter-productive. Leave the CW/digital
portions alone or, better yet, expand them.

Respectfully submitted, September 5, 1997
Philip Karras, KE3FL
ORS, OES, VE
Assistant EC Carroll County, MD
(Former EC of Carroll County, MD)

Date: Mon, 22 Sep 1997 15:45:39 -0900 (GMT-0900)
From: Roger Asbury <fnrla@camelot.acf-lab.uaf.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [27258] QRP Newbie Question.
Message-ID: <Pine.NXT.3.95.970922153357.6385A-1000000@camelot>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hiya, I've been lurking about this list-serv for about a week now, and
have just a couple of questions.

First, is there a FAQ for this list-serv? Always curious to see if a
question I may have has been asked before. :)

Second, I'm afraid Fairbanks, AK doesn't exactly have the most well
stocked Radio Shack in the world. What catalogs/magazines/other stores
would one suggest for sources of kit's or parts?

And, last ... Since convincing my wife that learning CW just might be an
entertaining family venture (wasn't that hard, actually) I've been
wondering what would be a good course of action, since I'll be upgrading
from a no-code tech, and she would be starting from scratch.

Thanks in advance for any info!

```
=====
Roger L. Asbury Jr.      [] "I don't know the meaning of
fnrla@camelot.acf-lab.alaska.edu [] the word surrender ... well,
Training Assistant/Computer Tech. [] I know what it means.. I'm
WL7NT                    [] not dumb, just not in this
http://sol.dcc.uaf.edu (someday) [] context."  ~~The Tick~~
=====
```

Date: Mon, 22 Sep 1997 16:57:22 -0700
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [27259] QRP/A
Message-ID: <342705E2.8BE@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well friends, I used the QRP Afield contest to test out my homemade 555 based electronic keyer. Mostly how long it would last with a 3 yr old, 9V Ni-Cd battery and a 1Kohm current limited reed relay.

Prior to the test, operated the keyer nearly 2 hours with basic qso's. Put in 40 minutes at WSN-40. Started my QRP/A work 2 hours into the contest and worked 6 hours. The battery died with 10 minutes left. I checked the battery and there was plenty of life in it. So I'm going to a 470 ohm load for the relay and see how low the battery can go. With the increased current drain, but lower operating voltage possibility, I'm not sure if I'll get more time out of it.

I got excellent reports on the OHR-100 before the contest. But switched to the HW-8 for 20/40 operation. I was full battery, portable, and 900 mW. Unfortunately, I found out later that my power connector wires were missing a few strands and the HW-8 had developed some type of hum/chirp in the signal. The keyer worked FB and the wattmeter was checked often for 900 mW output power after tune-up.

Results: 18 Q's on 20 meters. 0 on 40. 40 meters was awful here and found no contesters at 7040 or 7110 +/- 3 Kc's. I

tried to find someone working QRP/A in the novice, really I did.

Probably a bad Idea working the final 6 hours. from 2224Z to 2400 made no contacts. Although tried for N4BP the last half hour or so. His sig. was pretty good. But alas, must've been one-way props. Heard Gary, ab7my but he disappeared. Also Paul, NA5N mostly 599 but 559 during our connection. Huge signal Paul!

Too bad we can't email results, entry is snail mail only, I guess.

So, my 8X multiplier is a wasted. No stamps. No stock in Postal service!

Man this stuff is fun. Xyl can't buy into a 6 hr. contest so I pretended to be working on my keyer for the first 3 hours. Then told her about this little 'sprint' I happened on..... Hi!

Anyway, the HW-8 sends .3 mA through the relay contacts during keying; the OHR-100 about 4 mA For those of you who need this information.

Spartan Sprinters watch out! My new homebrew keyer weighs only .1 lb. The homebrew paddle is next! Wood/Velcro and old hacksaw blade.

Very Best to all qrp friends.

-Ed Loranger

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)

HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.

QRP-L#1068/ARCI#9397/Norcal#2227/ARS#275/AR#112 grid CM88ok

mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Mon, 22 Sep 1997 17:15:03 +0000

From: Roger Hightower <n7kt@dancris.com>

To: qrp-l@Lehigh.EDU

Subject: [27260] Re: Emergency CW & Code tests for HF (and alla that stuff)

Message-ID: <3426A797.51D9@dancris.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

OK, folks...I have to speak up. All this stuff that's taking up

bandwidth isn't going to be decided by us. It will be decided by the FCC with input from the ARRL.

Read the "License Restructuring" letter on page 25 of the October '97 QST and then do something. Some of us submitted comments, but apparently not enough to impress anyone, which means that a lot of hams don't even care!

Read the proposal in the March '97 QST, then submit a comment. That way, you'll have your say where it counts, and not just use BW.

--

72/73, de Roger, N7KT
AK-QRP 167, ARCI 8946, CQC 176, GQRP 9081, NE-QRP 383, NORCAL 1099,
QRP-L 62

Date: Mon, 22 Sep 1997 20:14:47 -0400 (EDT)
From: Robert Parks <rob3ert@vegas.infi.net>
To: Cecil_A_Moore@ccm.ch.intel.com
Cc: qrp-l@Lehigh.EDU
Subject: [27261] Re: The demise of CW
Message-ID: <199709230014.UAA23656@fh102.infi.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Cecil,

Couldn't agree more! As I've said before, I don't care (too much) if they go to a "no-code" license, as long as they don't take our CW frequencies. I think both are vain hopes!

Thanks for your input.

Regards es 72/73

Bob Parks
K6AEC (Las Vegas)

At 09:04 AM 9/22/97 PDT, you wrote:

>Date: Sun, 21 Sep 1997 12:07:14 -0400 (EDT)

>>From: Robert Parks <rob3ert@vegas.infi.net>

>>There's a sad commentary at the top of page 93 of the October, 1997

>>issue of QST, by David Fordham KD9LA, about the slow death of CW.

>

>Hi Bob, CW/Morse Code/00K is to ham radio what horses are to
>transportation. Where I live in Queen Creek, AZ, there are
>more horses than cars (not counting pickups :-). Are horses
>obsolete? For some applications, they are, but they are
>certainly not about to die a "slow death". As long as there
>are people who like horses, there will be horses. If there
>ever comes a time when no one likes horses anymore, they
>will probably disappear except maybe for zoos.

>

>Exactly the same thing can be said for CW/Morse. People
>like us don't need a threat of force from the feds to
>keep CW/Morse alive. I didn't like corn when I was
>young because my Mother made me eat it. Corn is one
>of my favorite foods now. CW/Morse just might be more
>popular after the testing requirement is removed as
>it will give new hams the freedom of choice. If CW/Morse
>dies, it will be because it doesn't have much to offer.
>We all know better - so it will probably never die. If
>it is a useful mode, it doesn't need a welfare-state
>subsidy. If it is not a useful mode, it doesn't deserve
>a welfare-state subsidy.

>

>73, Cecil, W6RCA

>

>

Date: Mon, 22 Sep 97 20:33:08 EDT
From: Joel Malman <malman@BBN.COM>
To: qrp-l@Lehigh.EDU
Cc: malman@BBN.COM
Subject: [27262] QRP AF, From New England
Message-ID: <199709230033.UAA116323@nss2.CC.Lehigh.EDU>

Folks,

Just as most everyone said, condx were very bad at the start. Eventually
20 meters did heat up. The TV weather said there was a storm pending at
any time so I opted to work the contest from inside the shack. Thanks to
all, and esp NE QRP for the good time.

WB6JBM/8 OH
N2VPK NY

N2CQ	NJ
WB3GCK	PA
W3MWY	MD
W1XH	MA
KD3FG	MD
AE4IC	NC (900 mw)
NF3I	MD
VE3VA	ON
N4BP	FL
K1CL	MA
K10J	TX (20 meters)
K5ZTY	TX
WA5WHN	NM
K5ON	NM
W2KJ	NC
WQ0RP	MN
AA0SM	MN
N7RI	VA
NR3E	TX
AB5UA	OK (900 mw)
AL7FS	AK
K10J	TX (40 meters)
WD8RIF	OH

Never did work or even hear a CA or AZ station. Where were your guys?

/joel wa1qvm

 Date: Mon, 22 Sep 1997 20:36:10 -0400 (EDT)
 From: Robert Parks <rob3ert@vegas.infi.net>
 To: qrp-l@Lehigh.EDU
 Subject: [27263] Demise of CW
 Message-ID: <199709230036.UAA27297@fh102.infi.net>
 Mime-Version: 1.0
 Content-Type: text/plain; charset="us-ascii"

Gang,

I REALLY don't want to beat a dead horse, but,----for those of you who don't get or read QST (and Laura, I'm surprised that you don't, with all the "hundreds" of periodicals you quote!), I will quote just part of the inset to which I referred.

>From QST, October, 1997, page 93:

"----However,encoding and decoding a CW message requires specialized training, not to mention practice. In the eyes of many emergency response professionals, this makes it less attractive than alternatives which allow communication by relatively untrained and impromptu operators.

With the elimination of CW from marine, military, and commercial communication, and with the unfortunate popularity of the no-code ham license as a "terminal" class, the supply of competent CW operators as a percentage of available communicators has already begun to decline. It is becoming more and more common to find a randomly assigned volunteer ham communicator unable to handle CW traffic."

Author: David Fordham KD9LA

Please direct any further e-mails on this subject to me offline. Although this subject is part and parcel of QRP, I don't want to further QRM the BW with it!

Thanks es regards es 72/73

Bob Parks
K6AEC (Las Vegas)

Date: Mon, 22 Sep 1997 20:39:56 -0700
From: Dennis Terribile <wr4i@mindspring.com>
To: qrp-l@lehigh.edu
Subject: [27264] Virginia Beach, VA ...Hamfest
Message-ID: <1.5.4.32.19970923033956.0067dc48@mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi QRP'rs,
Well, I for one had a great time at the VaBeach Hamfest. I stopped by a table that held a nicely modified NorCal 40a and a Sierra along with some very FB vintage Hallicrafters rigs. I chatted with the fella behind the table...who seemed very knowlegable re. qrp. As we finished, he asked if I would like a copy of one of his articles that he had written for one of the hams mags. "Sure"...well, it turned out I had been chatting with Rich Arland! What a hoot! That made my day!! Very nice individual, and certainly hope i can work him one of these days on the air.
That and the Hearld Is. forum were two of the hightlights there. Of course

there were a few goodies that added to the collection. One was a J.M. March paddle that I had seen a version of at the Gathersburg Hamfest several weeks ago...but could not swing the \$150 asking price. So at less than 1/2 that I felt fortunate to take possession of one fine piece of craftsmanship...and a very unusual paddle. It uses opposing magnets, I think similar to the famous Mercury paddle. Another find were some 6-v/4ah gell cells that came out of a Wal-Mart power pack that I had. I had ruined mine when I left the thing on for several days..so at \$2@ I picked up 3 and now have my power pack back in operation!

Another find..and one of those that "i shoulda got it the first time I saw it"...cuz someone else did...was a TenTec SW kit..partially assembled by an aging ham who had to give up the hobby. It looked like an excellent kit and for the \$30 asking, I was crazy not to have picked it up...but thought I just might find something "better". Wrong.

The weather was like summer and when I got back to the motel enjoyed several hours with my 5 year in the VB Surf. A good time was had by all!
72,Dennis/WR4i

Date: Mon, 22 Sep 1997 20:46:40 -0400
From: "Bernard F. Gaffney, Jr." <n8pvz@voyager.net>
To: qrp-l@Lehigh.EDU
Subject: [27265] FS: EMTECH ZM-1 Z Match ATU
Message-ID: <3.0.16.19970922204324.34bf1086@mail.voyager.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

QRP Antenna tuner. Uses Z matching. Unassembled, in kit form. \$25.00 (by USPS money order), includes shipping(US only). Bought new, but interests have shifted.

Email reply to

n8pvz@voyager.net

72/73 de N8PVZ

Date: Mon, 22 Sep 1997 20:46:46 -0400
From: "Bernard F. Gaffney, Jr." <n8pvz@voyager.net>

To: qrp-1@Lehigh.EDU
Subject: [27266] FS: HW-9
Message-ID: <3.0.16.19970922204420.34bf0548@mail.voyager.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Selling, as interest has shifted. HW-9 QRP CW xcvr.
10/12/15/17/20/30/40/80m bands. Good condition. Good receive. Good
transmit(tested with QRP WM-1 and freq meter; however have not used on the
air). Minor problem with band shift control(shaft can be pulled straight
out, so shouldn't be pulled straight out!). Band switch works fine otherwise.

\$275 (by USPS money order) includes shipping(US only).

Email reply to

n8pvz@voyager.net

72/73 de N8PVZ.

Date: Mon, 22 Sep 1997 20:52:42 -0400
From: Bill Crowley <bcrow@Carte.Net>
To: 72507.235@compuserve.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [27267] Re: Va Beach Hamfest
Message-ID: <342712DA.7164@carte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I too saw the HW-8 and the \$150 price tag, and kept walking. Nostalgia
be damned, that's a whole bunch (as opposed to a half bunch) of money
for what is at best a mediocre rig (I have my Nomex on. Flame away!).
Anyway, it was still on the table when I last walked by, around 4 p.m.
Saturday.

I missed the Sierra, NorCal 40 and TeNeKe paddle. Too bad, would love
to have seen them.

And for the folks who thought the 'fest had something missing, well, it
wasn't as good as last year, what with no outdoor tailgating. But it
was still a damn good hamfest. Good job, VBARC. And W1AO and I are

planning already on the 14-hour (one way) drive to take in the 1998 version.

72/73 de Bill, K1NIT, in the deep woods of Maine

Date: Mon, 22 Sep 1997 20:38:25 -0400
From: LHILBORN <lhilborn@visionol.net>
To: qrp-l@lehigh.edu
Subject: [27268] HW9 WANTED
Message-ID: <199709230038.UAA07941@main.visionol.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang, I'm new to the list and am returning to qrp after a 3 year break (when I bought a TS50). Am looking for a HW9 in good condition with manual... anyone out there got one to rekindle my QRP spirit? I had a HW8 and enjoyed it alot but kept getting confused on which side to tune the signal..go figure. Then I got an early QRP+ but gave that up for the TS50.... so, any help with the HW9 purchase would be appreciated. Failing that I'll be all thumbs trying to build a Sierra...Len VE3CSS

Date: Mon, 22 Sep 1997 18:06:28 -0700 (PDT)
From: camqrp@cyberg8t.com (Cam Hartford)
To: qrp-l@Lehigh.EDU
Subject: [27269] QRP Afield, Mystery Antenna Raisers
Message-ID: <199709230106.SAA15192@key.cyberg8t.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Low Power Folk -

I thought a trip to the Zuni Loop was in order for this year's QRP Afield. >From up there (7300') I could rip off a few Q's and keep my eye on the borders for AZrizonian infiltrators. As it turned out, I encountered darn few of either.

The bands were rather pathetic from this end of the country. Best contact of the day was AL7FS, who was right off the end of the antenna. Not sure how he heard my 950 MW. They must grow big ears up there.

Biggest surprise of the day was when the antenna, a dipole strung at 50' between two trees, decided to lower itself about 20', then raise itself mysteriously to it's original height...

I had left the operating table to get some water, and when I returned I realized that the antenna had slipped to about half it's original height. As I was gawking about, trying to figure out which end had come loose, it slowly started to raise itself back up to its original height.

Must be the Spirit of the Great Zuni in the Sky, trying to tell me my angle of radiation needed adjusting.

The far end of the antenna was in a tree whose base was down the hill a bit, out of view from where I sat. It turned out that a couple of hikers had come across the yellow spool of cord which held up the end of my dipole. From where they were, they couldn't see me or the antenna. They thought someone had gotten a kite stuck in the tree or something like that, and wouldn't this make a really neat spool of kite string? So they untied it from the tree, whereupon the antenna slipped and drooped about 20 feet. Deciding that they would retrieve as much of the stuff out of the tree as they could, they started winding it back onto the spool. Back up went the antenna!

Surprised the whooey out of them when I came yelping over the hill towards them.

After about an hour, when there wasn't much but dupes on 20 meters, I dropped the dipole on purpose to add the bottom half to it, making it into a Lazy H. Signal strength and Q rate both improved, but still things were fairly slow.

Vital stats:

Call used - KF6NKR (new club call for the Zuni Loop MEF, waiting for vanity call to arrive, had to use this one just once before trashing it. Once was enough!)

Rig - Norcal Sierra, much modified, 950MW out

Antenna - Mystery dipole, morphed into a Lazy H

Operating time - 3 1/2 Hours

Recovery time for pulse to return to normal - about 12 minutes (plus one 807)

Qs - 34 S/P/Cs - 19 Mult - X8 Final score - 5168

Thanks to the NE QRP Group for yet another fun Afield event.

72/73,

Cam N6GA

Date: Mon, 22 Sep 1997 20:51:55 -0400
From: "N4ELM" <n4elm@ipass.net>
To: <qrp-1@lehigh.edu>
Subject: [27270] FS: QRP++ and Companion travel station
Message-ID: <199709230128.VAA09550@passport.ipass.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

For Sale:
Complete Portable QRP HF Station consisting of:

Index Labs QRP++ HF transceiver
160 - 10 meters CW, SSB 0 - 5 watts transmit
General Coverage receive CW, SSB (No AM mode)
with DC cable and manual.
Mods: Index Labs RF gain control mod and antenna input diodes added.

Index Labs Companion Tuner (for QRP+)
tuner, noise bridge, and battery in one box
with charger and manual.
Mods: Added circuit breaker on back, Added LED for voltage level on front.

DOSKIL All Weather case 19X14X8
Heavy Black Plastic case with foam cutouts for QRP++ and accessories.
Suitable for Airline or General shipping.

All is in good to excellent condition, slight wear or scratches on the cases.
Everything works. Radio and tuner purchased NEW in Dec 1996; case 1997.
Station will be sold together ONLY - Will not separate.
All for \$600.00 OBO + shipping in USA

73 - Dave, N4ELM.

Date: Mon, 22 Sep 1997 21:41:17 -0400
From: Pete Rossi <wa3nna@resuba.com>
To: qrp-l@lehigh.edu
Cc: wa3nna@pete.resuba.com
Subject: [27271] ** QRP BEACON ** THIS WEEKEND
Message-ID: <199709230141.VAA25402@resuba.com>

Here it comes.. First QRP beacon for the 97-98 season..

Gonna keep this one simple for starters.. Should be a good warmup for those of you who have done this before and not too hard for those trying this for the first time..

----- 40 METER QRP BEACON ANNOUNCEMENT -----

START TIME : 8 PM EDT Friday Sept 26 (0000 UTC SAT Sept 27)

END TIME : 8 PM EDT Sunday Sept 28 (2400 UTC SUN Sept 28)

FREQUENCY : 7021 KHz

OUTPUT POWER : Power will cycle though 5 different levels, 2 minutes at each power level; 4 minutes at the 200 uW level.

----- MINUTES PAST THE HOUR -----					POWER LEVEL
00-02	12-14	24-26	36-38	48-50	2 W
02-04	14-16	26-28	38-40	50-52	200 mW
04-06	16-18	28-30	40-42	52-54	20 mW
06-08	18-20	30-32	42-44	54-56	2 mW
08-12	20-24	32-36	44-48	56-60	200 uW

Each level represents a 10 dB drop from the higher level.

These times should be very accurate, however, keep in mind that the power level will not change to the next level until the previous message has finished sending.

BEACON MESSAGE : VVV VVV xx MW <4_letter_code_word> DE WA3NNA/B QRP

Sent at aprox 15 WPM. Unique codeword for each power level.
The codeword will be repeated TWO TIMES at the 200 uW level.

*** PLEASE ** DO NOT POST ANY CODEWORDS YOU COPY ***

LOCATION : Newtown Square PA FM29hx (about 15 miles west of Philadelphia)

ANTENNA : 40 meter coax fed inverted-vee center @ 50' running north/south

REPORTING : Please send all beacon reports to --> beacon@pete.resuba.com <--

Detailed signal reports, receiver and antenna info, etc are very much appreciated but PLEASE do not bury your codeword reports inside a lot of lengthy text. It takes forever to extract the information that way.

Within your report, PLEASE include a separate text block containing the following information for the LOWEST power level codeword copied:

YOUR CALL
YOUR NAME
YOUR LOCATION (if different than ualr callbook server address)
CODEWORD & POWER LEVEL
DATE/TIME
SIGNAL REPORT

Canadian and other DX stations, please send long/lat coordinates of your location so I can calculate distance.

Once again, certificates acknowledging the lowest power level at which you correctly copy the codeword will be available. Details on how to get one will be posted with the summary report which will be posted a few days after the beacon session, once all reports have been received.

Please spread the word about this beacon through whatever means available.

Good luck & 73,

Pete Rossi - WA3NNA QRP-L #459
wa3nna@pete.resuba.com
beacon@pete.resuba.com

Date: Tue, 23 Sep 1997 02:11:04 +0100
From: pmk@juno.com (Patrick M Kvitkauskas)
To: qrp-l@Lehigh.EDU
Subject: [27272] Wanted 1996 ARRL Handbook

Message-ID: <19970923.021109.10118.0.pmk@juno.com>

Looking for a copy of the 1997 ARRL handbook that someone might want to part with.

Let me know how much you would like and I'll get back with ya.

TNX es 73/73 de Patrick KD4OBQ
PMK@JUNO.COM

AR

Date: Mon, 22 Sep 1997 22:14:27 -0400 (EDT)
From: AC6JA@aol.com
To: qrp-l@lehigh.edu
Subject: [27273] just worked ZL2REX on 17m
Message-ID: <970922220207_372213601@emout05.mail.aol.com>

just worked Rex, ZL2REX, in Murchison near Nelson on South Island on 18.081.25! i tail-ended him after he finished his qso and he came right back on the first call. i still can't believe it. that was my first ZL.
anyways, am using the new kenwood TS-570S running 5watts into a loaded dipole almost laying on the roof. who says you need QRO and a multi-element yagi on a 100' tower? i live in a townhome with antenna restrictions so all my antennae have to be stealth!

72's
Mike AC6JA

Date: Mon, 22 Sep 1997 21:42:00 -0400
From: Richard Sherman <srichard@aldus.northnet.org>
To: qrp-l@Lehigh.EDU
Subject: [27274] CW learning info wanted
Message-ID: <3.0.1.32.19970922214200.006c0f58@aldus.northnet.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi all,

A long time ago I remember buying a book (pamphlet?) on learning high speed cw. I believe it was written by or based on the method used by the USAF CW champion, which was strictly by practicing sending. If anyone has any additional info on this, please let me know via private email. Thanks

in advance.

72 de Rick WZ2T NNY
srichard@northnet.org

---"I think it's wrong for only one company to be making 'Monopoly'".---
Steven Wright

Date: Mon, 22 Sep 1997 23:14:12 -0400
From: "Bob Kellogg" <ae4ic@nr.infi.net>
To: <dmaliniak@penton.com>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [27275] Re: QRP Afield
Message-ID: <199709230322.XAA05213@mh004.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi David,

Yeah, I heard him, too, and tried to get him, but he wouldn't answer me
either.

Isn't it great when you can take time in the middle of a contest to fool
around a little!!

CUL,
Bob Kellogg, AE4IC, Greensboro, NC
Probably, but not nececelery. -- Benny Hill

> Anybody else hear the 9A in the middle of the fracas calling CQ over and
> over? I tried him a few times as well but no luck there either.

> 72 David N2SMH
> Glen Rock, NJ
>
>

Date: Mon, 22 Sep 1997 20:37:10 -0700 (PDT)
From: Monte Stark <ku7y@sage.dri.edu>
To: QRP-L AAlist <qrp-l@lehigh.edu>
Subject: [27276] cheap crystals (fwd)

Message-ID: <Pine.SUN.3.90.970922203530.29944A-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I was asked to forward this to the list. Sounds like he has a lot of crystals!

I know Jeff, but I don't know the seller.

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

----- Forwarded message -----

Date: Mon, 22 Sep 1997 15:23:02 -1000
From: Jeffrey Herman <jeffreyh@hawaii.edu>
To: Ron Stark <ku7y@sage.dri.edu>
Subject: cheap crystals

Hi Ron!

The fellow below is 75 years old and has a huge (100,000) supply of xtals at very good prices (500kc xtal for \$2.50 postpaid). Could you post the note below onto the QRP list? He's a kind OTer and I'd like to see him get some business.

See you and Carol in December!

73 es ZZZ,
Jeff KH2PZ

----- Forwarded message -----

From: Surplus Al <surplsal@tl.infi.net>
To: Jeffrey Herman <jeffreyh@hawaii.edu>
Subject: Re: WTB 500 kHz crystal

Saw your request in newsgroups I have a 500 kc xtal in HC-6 holder \$2.50 postpaid. I am very Big in Crystals. 100K in stock. Getting list ready to post on my WEB pages. <http://www.qsl.net/w3ugd>
Home page <http://mh101.infi.net/~surplsal>
73 Al W3UGD Surplus Al

Date: Mon, 22 Sep 1997 23:52:53 -0400
From: Joseph Everhart <n2cx@voicenet.com>
To: msadams@acsu.buffalo.edu
Cc: qrp-1@Lehigh.EDU
Subject: [27277] Re: /P Gusher Vertical Matching
Message-ID: <199709230352.XAA78830@nss2.CC.Lehigh.EDU>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Mark, you wrote:

>Hi Gang,
>
>Isn't that subject a mouthful?
>
>Next month I will be /P in Newport, OR, 7-land, for a conference (and
>the ARCI Fall test!. I plan to use a PVC Gusher II from N2CX to keep the
>stuff I am taking to a minimum. Right now it will be OHR100/20M,
>internal Tick2 keyer and internal 10 AA battery pack.
>
>Back to the gusher. If I take extra 17 foot wires, in addition to the
>two for the dipole legs, I may be able to erect this as a vertical. But
>then how do I get a good match? Is there a way to determine this? Should
>I wind a coil to put accross the Gusher's terminals ala the B*nut
>verticals? How many turns/diameter of turns?
>
>I have Hamcalc but did not see the program that does this, if it will
>work in the first place.
>
>Can you help me?
>
>Mark N2VPK

Funny you should ask! I recently cut one for 15 meters to use as an elevated ground plane vertical!

Often the antenna books tell you to cut the radials about 5% longer than the radiating element. What I have done in the past and just did for my G-2 vertical was the following:

1. Using an ohmmeter, I found out which of the screw terminals was connected to the coax center connector and which was on the shield. I marked a big black "G" on the insulator next to the shield terminal.

2. I cut two elements for 21 MHz on the long side. By the usual $234/F(\text{MHz})$ formula this worked out to 21.14 ft. To be on the safe side, I cut each to 21'6".

3. Now I connected the elements to the center insulated terminals and set up the antenna as an inverted vee. The center was up about 15 feet and the ends approx 10 feet above ground.

4. Using an Autek RF-1, I measured the frequency where the SWR was lowest. It was somewhat below 21 MHz. I then recorded the frequency!

5. Now I lowered the dipole low enough to be able to reach the ends and cut off about 1 inch from both elements. By formula, a 1.3 inch change in length should move the resonant frequency about 200 kHz.

6. Next I remeasured the lowest SWR frequency and recorded it, too to estimate the frequency change.

7. The above process was repeated until the SWR was lowest close to 21.1 MHz. This is close enough to cover both the QRP frequency of 21.06 and novices at 21.15.

8. Finally, I cut two more elements exactly the same length and connected them to the "G" terminal after lowering the antenna to ground.

Now I had a GP antenna with a 1/4 wave radiating element and three 1/4 wave radials.

To support the antenna weight, I tied the support line to the center insulator then ran the vertical element up the support line, tying it off loosely. That way the vertical element wire doesn't have any strain.

As a final check, I hoisted the antenna up a non-conducting PVC mast with the tip at about 20 feet and tied off the radials symmetrically around in a circle. A final SWR check showed a value of less than 1.5:1. By changing the vertical slope of the radials you can get very close to 1:1, but 1.5:1 is great!

So far 15 has been dead when I have found the time to put up the portable GP. Unfortunately there was no time so see how effective it was in QAF, but once 15 heats up permanently, I'll try it out in one of the local parks some Saturday afternoon.

Let me know how your works out!

72/73,

Joe E., N2CX

>From South Jersey, y'all!

home: n2cx@voicenet.com

work: jeverhar@camden.lmco.com

Date: Mon, 22 Sep 1997 23:48:29 -0500
From: w5hvv@aeneas.net (Rod Fitz-Randolph)
To: kd1jv@moose.ncia.net, qrp-1@Lehigh.EDU
Subject: [27278] Re: tube rigs
Message-ID: <v01541108b04ca57d8be3@[207.203.177.38]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

On Mon, 22 Sep 1997 11:43:21, Steve, KD1JV, wrote:

>Hey! All this talk of tube rigs is exciting! I might have to see if the
>6AU6 - 2E26 rig I built from DX40 parts still works. That would be
>something, DDS VFO and 2E26 final, best of the old and new.
>
>Anyway, personally, I don't like to run a rig "hot" direct from the AC
>mains. If you can't find a proper high voltage transformer, a couple of low
>voltage guys connected "back to back" will give you what you need for a QRP
>Tx.

Steve, I was concerned about getting shocked by 120 vac, myself. That's why I built the "Fierce 1-Watter" in a plastic chassis. The ground wire on all modern electrical outlets is an AC return and provides assurance that the chassis or ground buss is not "hot" in relation to any other grounded equipment. With a VOM, the "hot" lead on the 3-wire AC line was determined. It is probably building code that says it should always be a particular side of the AC wall plug but I wasn't aware of it. I think it

would be a good idea to find out which side is "hot" in relation to the ground lug, anyway, when building an AC-DC rig.

I was even concerned about the cathode keying of the 117L7/M7 tube and, not wanting any chance of shock to be presented to the user (me), I placed an 11,000 ohm resistor between the 160 vdc B+ and a 12 volt, 1 watt zener. That provided a 12 volt source with which I could key a 12 volt reed relay which in turn connected the cathode to ground when I held the key down. Voila!!! A "Shockless" AC-DC rig! The same approach can be applied to an AC-DC receiver, as well, regards assurances that the chassis or ground buss was at "ground" potential.

The next project is going to be a 50L6 oscillator driving a pair of 35L6s in the final with a pi-network output! The filament string will take the 120 volts AC and I'll use a diode to rectify the AC for 165-175 VDC for the plate. Believe me, I'll take the same care about any exposed voltages as with the "Fierce 1-Watter"!!!

Best Regards,

Rod, N5HV
w5hvv@aeneas.net

Date: Mon, 22 Sep 1997 22:33:51 -0700
From: Monte Stark <ku7y@sage.dri.edu>
To: w5hvv@aeneas.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [27279] Re: tube rigs
Message-ID: <342754BF.6559@sage.dri.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi All,

Not too many years ago we lived in an apt.

While trying to get rid of some very bad TVI I measured the voltage from the hot to common....was OK at around 117vac.

Then I measured from the common to the ground and had zero. Again OK.

But when I measured from the ground/common to the cold water pipe, I had

a little over 80vac!

So don't ever trust what should be....get the meter out and measure!!

And no, I never did cure my TVI!!

--

73, Ron

NRA Life-----Ex W6JX0, DL4RF, N7CRV-----SOWP #5545-M
QRP QRCI #8829----NorCal #330-----QRP-L #17-----ARS #49
AR QRP #150-----DM09cg-----New Washoe City, NV

Date: Mon, 22 Sep 1997 22:47:36 -0700 (PDT)
From: Jim W7LS <w7ls@brigadoon.com>
To: qrp-l@Lehigh.EDU
Subject: [27280] BC-611 WW2 HT (QRP) wanted
Message-ID: <199709230547.WAA12166@k2.brigadoon.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi, gang. I'm looking for a BC-611 handie-talkie from World War 2. They were on HF, somewhere around 80 meters. AM, I think. Dang low power, too. Tubes, of course. Wierd batteries, too.

Tnx/73 de Jim, W7LS

P.S. I'd also like to get a schematic for one.

Date: Tue, 23 Sep 1997 02:13:25 -0400 (EDT)
From: Bob Patten <n4bp@shadow.net>
To: Mike J Pulley <Mike_J_Pulley@ccm.ch.intel.com>
Cc: QRP-L Reflector <qrp-l@Lehigh.EDU>
Subject: [27281] Re: QRP Afield a la Desert Rat (long)
Message-ID: <Pine.SOL.3.96.970923020851.22359D-100000@goliath>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 22 Sep 1997, Mike J Pulley wrote:

> I'm saving my lunch money to buy N4BP a receiver. <g> Bob, I
> heard you all day holding forth on 20m. But nothing I did could
> make my signal wiggle your speaker coil. We almost despaired

> until WD4MDK jumped in to give us Florida.
But I DID have a new RX! :-)
I was using a brand new IC-706 MKII and also thought I was doing better in
the hearing dept. I did pull out several 900mw stations. Your call
doesn't sound at all familiar, so chances are I never even caught a part
of it. Sorry I missed you!

73,

Bob Patten, N4BP (0 0) Plantation, FL
-----o00o-()-o00-----

E-Mail: n4bp@shadow.net
Web Page: <http://www.shadow.net/~n4bp/n4bp.htm>
Brass Pounder BBS: (954) 472-7715

Date: Tue, 23 Sep 1997 02:33:41 -0400 (EDT)
From: Bob Patten <n4bp@shadow.net>
To: Bob Kellogg <ae4ic@nr.infi.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [27282] Re: QRP Afield
Message-ID: <Pine.SOL.3.96.970923023147.22359J-1000000@goliath>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 22 Sep 1997, Bob Kellogg wrote:

> > Anybody else hear the 9A in the middle of the fracas calling CQ over and
> > over? I tried him a few times as well but no luck there either.
>

Yes, my experience with these 9A's shows that they have even worse ears
than me! :-) I've heard them with S9 signals and called them with a KW
with not so much as a QRZ? back...

73,

Bob Patten, N4BP (0 0) Plantation, FL
-----o00o-()-o00-----

E-Mail: n4bp@shadow.net
Web Page: <http://www.shadow.net/~n4bp/n4bp.htm>
Brass Pounder BBS: (954) 472-7715

Date: Tue, 23 Sep 1997 01:36:29 -0800
From: wpc@west.net (John Roblin)
To: qrp-1@Lehigh.EDU
Subject: [27283] BC-611/Whiterook Connection!!
Message-ID: <v01530500b04d19d66d56@[205.254.241.6]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

HI Everyone!

Here's a fun brain teaser. The FIRST one to come up with the answer wins a free Model Q-1 QRP T-Shirt! (That is, if there even is a winner. This is a tough one!!!)

What is the connection between the famous BC-611 World War II QRP walkie talkie and our name "Whiterook" Products??

E-Mail me privately and directly. If there's a winner, the name and answer will be announced on our website.

Have Fun/73, -John

John Roblin WA6KY0
Whiterook Products Company
Ventura, CA
<http://www.west.net/~wpc>
wpc@west.net

Date: Tue, 23 Sep 1997 02:32:58 -0700 (PDT)
From: David Feldman <dgf@netcom.com>
To: qrp-1@Lehigh.EDU
Subject: [27284] Need copy of article from 12/96 CQ mag
Message-ID: <199709230932.CAA05015@netcom3.netcom.com>

This is only QRP to the extent that I'll use it in my QRP station, but I'm stuck otherwise - I need a copy of the article in 12/1996 CQ magazine pertaining to a noise cancellation circuit. If you have that issue available

would would be willing to copy for me I'd be grateful.

73 Dave WB0GAZ dgf@netcom.com

Date: Tue, 23 Sep 1997 08:02:07 -0400 (EDT)
From: "Ralph L. Irons" <rli8m@weyl.math.virginia.edu>
To: qrp-l@Lehigh.EDU
Subject: [27285] CQ "WA2" QRP SSB QNI VFN
Message-ID: <Pine.A32.3.93.970923075113.16420A-100000@weyl.math.Virginia.EDU>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

A QRP station with a WA2 prefix checked in to the Virginia Fone Net yesterday, and as I was about to exchange the secret QRP password and handshake with him, my PTT gave out (must be doin' too much yackin'). The Net Control Station had his hands full with visitors, and by the time I had made repairs and checked in myself, he had lost track of the WA2 callsign. So, if you are the mystery station, please give me a holler!

72, Ralph N7RI
(#128 on the VFN)

Date: Tue, 23 Sep 1997 08:50:05 -0400
From: "Fishman, Clark" <cfishman@pica.army.mil>
To: "'qrp-l@lehigh.edu'" <qrp-l@Lehigh.EDU>
Cc: "'njqrp@njqrp.org'" <njqrp@njqrp.org>
Subject: [27286] Cascade Mod
Message-ID: <61184F6C1EF9D0119A6300609798EA461F41AF@pica-emh9.pica.army.mil>
MIME-Version: 1.0
Content-Type: text/plain

My friend, KF2EW just finished building a Cascade and I had given him some mods I found on the WEB. The 2 we did was to change the final transistor to a MRF237 and to change the choke feeding the +12 volts to the final collector into a 4 to 1 impedance transformer. Before we changed the choke the rig put out a reading of 1 watt (actually the wattmeter was not calibrated for use on 3.5 MHz and the rig was probably putting out over 2 watts) . I had a core that they used for the RF choke so I wound up some #26 wire on an electric drill and wound 10 bifilar turns on the core. The center tap of the windings (formed by the

start of one winding and the end of the other winding) goes to the collector and one feelead goes to +12 and the other to the output lowpass filter. The output doubled. I took an accurate power output measurement and the modified Cascade was putting out 5.4 watts on 80 meters.

Have fun

Clark Fishman WA2UNN cfishman@pica.army.mil

Date: Tue, 23 Sep 1997 08:49:37 -0400 (EDT)
From: G3TUX@aol.com
To: qrp-l@Lehigh.EDU
Subject: [27287] OHR 400
Message-ID: <970923084918_-396919532@emout06.mail.aol.com>

Having acquired a VERY early model OHR400, I wonder if anyone can help me with a particular problem? The radio works well, apart from the agc, which seems totally ineffective. No apparent wiring or component problems. The agc generating circuitry does actually produce a voltage which varies with strength of incoming signals.

I am aware that some component changes were suggested by OHR after a critical review in DL-QTC journal, but I do not think any related to the agc (my command of german is not that good!). I also find the xtal filter selectivity very tight.

Any help/references to mod. info will be gratefully appreciated. Thanks!

BTW, reading QRP-L, I am intrigued by the number of guys trying to extract the last milliwatt from QRP txs. The other day I ran out of battery power for my Sierra/AT11 HF station and dug out an old CB type 12v PSU which I pressed into service. Some time later, I keyed up and heard the click of the power meter needle hitting the end stop (at 3 watts). The Sierra was, all of a sudden, giving 5 watts on 80m rather than the usual 2.5 or so. To cut a long story short, the regulator in the PSU was shorted and 25 volts was being applied to the rig and ATU! Both survived (at least an hour's exposure to this overvoltage), but do not recommend this as a means of upping the output!

73, Chris G3TUX@aol.com

Date: Tue, 23 Sep 1997 08:16:55 -0500
From: "Jeff M. Gold" <jmg@tntech.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [27288] K1EL keyer
Message-ID: <3427C147.16C9D20E@tntech.edu>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

All,

well I decided instead of my second cup of coffee this AM, would go to the shack and play a little more with the K1EL keyer. I wired up the output plug and the the paddle input jack. Hooked the unhoused board and bundle of wires to the nearest QRP rig I could find, plugged in the battery and everything worked perfectly.

I really liked the fact that the chip comes configured the way you want.. for sidetone/nosidetone, CQ message and keyer speed. When I pushed the button once.. it sent perfect CQ.. wayyyy Cooooo!!!!

Then I had to go to work.. I will continue my quest for an appropriate home for the keyer.. most likely build a small set of paddles on top..

think the keyer was one of the big bargains for the year.

72

Jeff,AC4HF

--

Jeff M. Gold, Manager
Academic Computing Support
Tennessee Technological University
(615)372-3979

Date: Tue, 23 Sep 1997 09:21:06 -0400 (EDT)
From: aa8yo@tir.com (Robert J. Fox)
To: qrp-l@Lehigh.EDU
Subject: [27289] JPS NIR-12 vs Timewave 599zx
Message-ID: <199709231321.JAA08828@sun.tir.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello Gang,

There was a thread recently about DSP units, but

it did not go far enough :-))

I'm seriously considering either the JPS NIR-12 or the Timewave 599zx.

Comments regarding the forementioned DSP units would be most appreciated,

Thanks in advance for your time and consideration.

73 - Bob / aa8yo@tir.com

Date: Tue, 23 Sep 1997 06:37:28 -0700
From: "Al Hunter" <ahunter@inland.net>
To: <qrp-1@Lehigh.EDU>
Subject: [27290] For Sale
Message-ID: <199709231343.GAA07699@ns1.inland.net>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----_NextPart_000_0000_01BCC7EB.2954DA40"

This is a multi-part message in MIME format.

-----=_NextPart_000_0000_01BCC7EB.2954DA40
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

The following for sale:

Emtech NW40 in Emtech custom enclosure and including Roy's excellent = audio filter. Only 2 mods to original.....did not use the wire dial = pointer.....a plastic disc was mounted behind the tuning knob and = attached to the reduction portion of the tuning shaft. The output = transistor was substituted for the MRF476. Augat gold plated machined = pin sockets were used in lieu of the tin-plated solder-tail type. This = rig is in excellent condition with no scratches or dings. Original cost = in kit form over \$130.00.....your cost \$95.00 plus \$5.00 S&H via USPS = Priority Mail.

St. Louis Tuner.....not much to describe here. Completely built and in = excellent condition. \$85.00 plus \$5.00 S&H as above.

Kenwood TM-231 2 meter FM transceiver complete with remote mike, mobile =

mounting bracket, in original box.....excellent condition. \$250.00 plus = \$5.00 S&H.

All the above include complete manuals and documentation.

72/73 Al Hunter AA6S0

-----=_NextPart_000_0000_01BCC7EB.2954DA40

Content-Type: text/html;
charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

<!DOCTYPE HTML PUBLIC "-//W3C//DTD W3 HTML//EN">

<HTML>

<HEAD>

<META content=3Dtext/html; charset=3Diso-8859-1 =
http-equiv=3DContent-Type>

<META content=3D'"MSHTML 4.71.1008.3"' name=3DGENERATOR>

</HEAD>

<BODY bgColor=3D#ffffff>

<P> The following for=20
sale:</P>

<P>Emtech NW40 in =
Emtech custom=20

enclosure and including Roy's excellent audio filter. Only 2 mods to=20
original.....did not use the wire dial pointer.....a plastic disc was =
mounted=20

behind the tuning knob and attached to the reduction portion of the =
tuning=20

shaft. The output transistor was substituted for the MRF476. Augat gold =
plated=20

machined pin sockets were used in lieu of the tin-plated solder-tail =
type. This=20

rig is in excellent condition with no scratches or dings. Original cost =
in kit=20

form over \$130.00.....your cost \$95.00 plus \$5.00 S&H via USPS =
Priority=20

Mail.

<P>St. Louis Tuner.....not =
much to=20

describe here. Completely built and in excellent condition. \$85.00 plus =
\$5.00=20

S&H as above.

<P>Kenwood TM-231 2 meter FM =

transceiver=20
complete with remote mike, mobile mounting bracket, in original=20
box.....excellent condition. \$250.00 plus \$5.00 S&H.
<P>All the above include =
complete manuals=20
and documentation.
<P>72/73 A1 =
Hunter =20
AA6S0
<P> </BODY></HTML>

-----=_NextPart_000_0000_01BCC7EB.2954DA40--

Date: Tue, 23 Sep 1997 09:56:23 -0400
From: Michael <MichaelN@cycat.com>
To: qrp-l mailing list <qrp-l@Lehigh.EDU>
Subject: [27291] HW-8 articles wanted
Message-ID: <3427CA87.6002@cycat.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

In the back of Michael Bryce's "HW-8 Handbook", he refers to a
'famous' series of articles by Adrian Weiss, W0RSP, for
turning the HW-8 into a "super contest machine".

Does anybody know what series of articles this is and where can
I get a copy?

Thanks

My HW-8 is presently my main station rig, so anything I can
do to improve its performance is of great help.

73 michael N6CHV

Date: Tue, 23 Sep 1997 08:59:29 -0500
From: Jim <kj5tf@mctc.com>
To: qrp-l@Lehigh.EDU
Subject: [27292] Arkansas 40M QRP Net tonight
Message-ID: <3427CB41.48A3@mctc.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Our new 40M QRP net has had a good start, but we need more of our new members to check in - We moved the time one hour LATER, from 6:30PM central to 7:30PM -

We will rotate the NCS job, but tonight you will hear Bob AC5AM's mighty QRP station. Please join us thursday evenings 7:30 (00:30Z wednesday) on 7.042-43mHz.

He will call, QST, QST, AR QRP, de AC5AM, QNI - send your call and you will be recognised and asked to standby, as more checkin. When rotation comes around to you, tell us your name, QTH, and about your station, or anything else interesting. This makes the whole thing a little QRP party!

For example, on our monday evening 75M net I was able to report (brag) that I made two contacts with LU Argentina stns on 10M sunday evening, running 2w. join us! de Jim AR QRP

#2

Date: Tue, 23 Sep 1997 10:06:41 -0400
From: "Fishman, Clark" <cfishman@pica.army.mil>
To: "'qrp-l@lehigh.edu'" <qrp-l@Lehigh.EDU>
Cc: "'njqrp@njqrp.org'" <njqrp@njqrp.org>
Subject: [27293] oops
Message-ID: <61184F6C1EF9D0119A6300609798EA461F41B2@pica-emh9.pica.army.mil>
MIME-Version: 1.0
Content-Type: text/plain

The mod I said for the Cascade was really a Sierra

Old age must be slipping in.

Clark WA2UNN

Date: Tue, 23 Sep 1997 07:35:52 -0700 (MST)
From: Bob Hightower <ki7mn@dancris.com>
To: qrp-l@Lehigh.EDU
Subject: [27294] W6MMA Address

Message-ID: <199709231435.HAA21145@dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

One of the fellows that bought an SD-20 wrote Verne about his coils at the address given on, I think, the Norcal page. This address is the same one as in the callbook (1606 Pheasant Way, Placerville, CA 95667).

The mail was returned marked 'no such address' by USPS. Is this a USPS goof, or is there some error in the address?

I'd appreciate either verification that the address shown is correct, or a note with the correct one.

73,
Bob KI7MN (ki7mn@dancris.com) Chandler, AZ
Grid DM43bi Lat 33.334500 Long -111.87260
NorCal #1221 ARCI #8918 Qrp-1 #271 CQC #274 AK QRP #30 ARRL
<http://www.dancris.com/~ki7mn>
WIMPS: QSO's=19 30=19 17=0 12=0 States=15/0/0 DX 0/0/0 QSL's=6

Date: Tue, 23 Sep 1997 07:55:32 edt
From: w8lrn@juno.com (Albert K. Rea)
To: qrp-1@Lehigh.EDU
Subject: [27295] Need Schematic HW-7-1 PS
Message-ID: <19970923.105642.2439.0.w8lrn@juno.com>

Recently aquired on of these supplies thats dead in the water. Have no info on it. A copy of the schematic is needed to restore it. Looks like its been modified.

Thanks and 72

Al W8LRM
St Joseph, Michigan
on Michigans Sunset Coast

Date: Tue, 23 Sep 1997 09:01:18 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: cqclist@lists.csn.net, qrp-1@Lehigh.EDU

Subject: [27296] CQC Summer QSO Party
Message-ID: <199709231501.JAA20606@bobcat.sni.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Last Chance!

Logs need to be in within 30 days of the event, or in other words POSTMARKED BY TODAY, 9/23.

Also a reminder (and encouragement)-- we're issuing a lot more certificates this time. Top score for call area, and top score for band in single band class... one to a customer please (e.g. if you happen to win outright, you would presumably also have the top score for your call area and possibly on one or more bands, too, but you will only get the "highest" one you qualify for.

Send your log to:

Jim-KG0PP-CQC Contest
P.O.Box 31575
Aurora, CO 80041-0575

73
Marshall Emm
N1FN/VK5FN
n1fn@mtechnologies.com
<http://www.mtechnologies.com/mthome>
(303)752-3382
--

Date: Tue, 23 Sep 1997 11:27:51 -0400
From: "David Maliniak" <dmaliniak@penton.com>
To: qrp-l@Lehigh.EDU
Subject: [27297] Publishing of QRP Afield results?
Message-ID: <8525651B.00549F50.00@mail.penton.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Just wondering, but since QRP Afield is a NE-QRP-sponsored event, and the club is no longer publishing its lamented quarterly (72), where will

contest results be published? In this forum, perhaps? On some as-yet-unnamed Web page? Or maybe in another club journal?

If anyone has any insight, let 'er rip.

Like I said, just wondering. Got a contest entry and log all set to go to Chet Bowles and, like everyone else who sends in a log, I'd like to see how everybody else did.

72 David N2SMH
Glen Rock, NJ

Date: Tue, 23 Sep 1997 08:22:48 -0700
From: Bruce Grubbs <bog@flagstaff.az.us>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [27298] QRP Afield from N. Ariz. (N7CEE)
Message-ID: <3.0.3.32.19970923082248.00936170@mail.infomagic.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Scott (K7DHF) and I operated QRP Afield from our usual Field Day site, near A1 Mountain about 5 miles west of Flagstaff at 7000 feet. Both of us are getting back into QRP after several dormant years, although we have managed to do Field Day QRP most years.

Scott started out with the Yaesu 757 at 950 mw, but we switched to my recently completed Sierra (set for 950 mw) when I got it set up. Great receiver on the Sierra! The rest of the station: Oak Hills WM-2 wattmeter, MFJ 941C tuner, MFJ keyer (drawing more power than the Sierra!), and a 270 ft end fed (with ladderline) wire pointing NE. Power was gel cells and solar. Logging was done on an HP100, definitely a QRPP computer.

Working AL7FS toward the end, after trying several times during the day, was definitely the highlight. All in all, we had a great time- when's the next QRP field event? This QRPP stuff could get to be addicting!

72,
Bruce N7CEE (with Scott, K7DHF)

Bruce
bog@flagstaff.az.us

Date: Tue, 23 Sep 1997 10:36:51
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@Lehigh.EDU
Subject: [27299] RE: tube rigs -AC/DC
Message-ID: <3.0.1.16.19970923103651.31175bf2@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Howdy,

No doubt you can build/operate an AC/DC direct line powered rig safely. Provided you take precautions. Making sure your AC outlet is wired right is the first step. For a few bucks you can buy a plug tester at the hardware store to find out. As Ron said, "don't take it for granted it's wired right"

I'm too lazy to pull one of my antique AC/DC radios off the shelf to find out for sure, but I seem to remember that these radios don't have a direct connection to the metal chassis. A capacitor is used to "ground" the chassis to the circuit "ground". You will still get a "tingle" if the plug is in the wrong way, but not a big shock. Millions of these radios were made and used safely. Somehow, I doubt they'd get the UL label or OSHA approved today. Those darn regulators again :-)

However, I still personally don't like the idea. You can find low power 1:1 isolation transformers in surplus catalogs at reasonable prices. You can connect two filament transformers "back to back". I know this adds some additional complexity, weight and size, but I feel it's worth it.

Either way, just be careful around high voltages!

73,
Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Tue, 23 Sep 1997 11:48:51 -0400 (EDT)
From: Ronald Hands <rhands@hwcnc.org>
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [27300] Baluns
Message-ID:
<Pine.GS0.3.96.970923113355.28911B-1000000@james.freenet.hamilton.on.ca>
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

I've been reading with interest the various postings about baluns, and how to go from coax output to ladder line feed.

In the RadioWorks catalog, there's a suggestion that a 1:1 balun might be a better choice than a 4:1 for situations such as "ladder line-fed loops and other antennas which develop low to moderate impedances."

The catalog gives the example of an 80 meter dipole used on 160 meters, which would present a very low feedpoint impedance, often far below 50 ohms. The 1:1, they say, is a better choice here. "A 4:1 ...is looking for loads above 100 ohms."

Incidentally, they claim to have burned up several transmatches while trying to test the power-handling capabilities of their RemoteBalun One, which was undamaged.

I'm using a RadioWorks Y1-5K, which is 1:1, to a ladder-line-fed 100 foot dipole. Seems to work fine. Settings on the MFJ 949E are "by the book". The balun's rated at 5 kw, so it seems to run cool with five watts <g>.

The RadioWorks catalog, IMNSH0, is a good buy at four bucks -- lots of info, antenna designs, etc. Even better when it comes for free, as mine did with my order.

Usual disclaimers: satisfied customer, etc.

Ron VE3SP
Hamilton, Ontario
rhands@hwcw.org
QRP #464 CQC #362 ARRL

Date: Tue, 23 Sep 1997 12:26:39 EDT
From: ab5uacw@juno.com (Clifton W Sikes)
To: qrp-1@Lehigh.EDU
Subject: [27301] QRP AFIELD
Message-ID: <19970923.112200.5095.4.ab5uacw@juno.com>

What a hoot! I only had about two hours for the contest, and had to operate from home. I thought hey, tune down to milli watts, and see what will happen. Wow!

The first in the log was Mike, WB4ZKA. I hadn't heard him in a long time. Then Jim, AL7FS came back to me. This was going to be fun. I was really

surprised at the number of folks running 900-950mw. I think I may be hooked! To top it all off, I heard an EA4 calling cq around 14.058. I thought what the heck, give him a call. Welllllllll, it took a while, but got a 339, and he is in the log at 900mw . I am hooked!

These contests are about fun, not winning, for me. This one was off the scale of fun! Turn down the power, and give it a try.

Thanks to all who heard me, and see you next time.

72, Clif

Clifton Sikes AB5UA
Earlsboro, Ok.
ab5uacw@juno.com

Date: Tue, 23 Sep 1997 09:35:41 -0700
From: Ed Loranger <we6w@qsl.net>
To: srichard@aldus.northnet.org
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [27302] Re: CW learning info wanted
Message-ID: <3427EFDD.51E6@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sounds interesting learning High-Speed CW Richard!

Could you keep me posted on any good information?

Don't own a mike. Love CW. And nobody can change me!

-Ed Loranger

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.
QRP-L#1068/ARCI#9397/Norcal#2227/ARS#275/AR#112 grid CM88ok
mailto:we6w@qsl.net http://www.qsl.net/we6w

Date: Tue, 23 Sep 1997 09:36:34 -0700
From: w7rfm@juno.com (John E Hirsch)

To: "Low Power Amature Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [27303] For Sale
Message-ID: <19970923.093637.2750.0.w7rfm@juno.com>

I know that this is not QRP equipment but if any one can use it I have
for
sale

Dentron GLA 1000b rated at 1200 Watts
It covers 80-40-20-15 meters
It has 4 new 6LQ6 Finals.

I have had it for over a year and used it for may be a month.

Asking price is \$425.00 and you ship.

John Hisrsch
W7RFM
w7rfm@juno.com
253-874-6286

Date: Tue, 23 Sep 1997 10:01:18 -0700
From: Ed Loranger <we6w@qsl.net>
To: ab5uacw@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [27304] Re: QRP AFIELD
Message-ID: <3427F5DE.3A5F@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Clif, It was my first at less than a watt. Loved it!

Will do it again too! Really glad I got some contacts
to keep me going.

Thanks guys/Gals.

-Ed Loranger

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.
QRP-L#1068/ARCI#9397/Norcal#2227/ARS#275/AR#112 grid CM88ok
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Tue, 23 Sep 1997 10:23:59 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: qrp-1@Lehigh.EDU
Cc: wager@juno.com
Subject: [27305] Pacificon is 25 Days Away
Message-ID: <3.0.1.32.19970923102359.00704858@telis.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The NorCal sponsored QRP Forums at Pacificon are only 25 days away. They will be held in conjunction with the Pacificon hamfest at the Concord Hilton Hotel in Concord, California on Oct. 18th. Pacificon starts on Friday, Oct. 17th and runs through Sunday, the 19th, but the QRP Forums are all on Saturday. We will start at 9:00 AM and have forums at 10:00, 11:00, 1:00, 2:00 and 3:00. There is no additional charge to attend the QRP Forums other than the hamfest entry fee of \$3 in advance and \$5 at the door.

The schedule for the presenters is as follows: [Note that this is the right schedule, the Pacificon Web Page has the wrong one.]

9:00 Gary Diana and Brad Mitchell
10:00 Dave Benson
11:00 Paul Harden

1:00 Wayne Burdick and Eric Swartz
2:00 Dave Gauding
3:00 Roy Lewallen

These are some of the most famous and well known QRPers in the World. Gary Diana and Brad Mitchell have a 4 page article in October QST about their TiCK keyers. You might wonder how NorCal gets QST to feature our leadoff speakers but I can't reveal the secret.

Saturday Night QRP Open House:

NorCal will also sponsor a QRP Open House Saturday night at the Hilton. The room will be announced during the forum sessions. We will have the Pacificon Open Building Contest judging which will feature any project that you have built since Pacificon 96. Chuck Adams will head the judging team.

We would like to see everyone enter the contest. Please bring whatever you have built and share it with us. Entries in the contest need to be accompanied by a one page typed sheet that explains what the project is and features that it has. Please do not put any identification on the sheet.

We are also trying something new this year. Demonstrations. Chuck Adams,

K5FO and Ron Stark, KU7Y will be doing a contesting demonstration. They will have oscillators set up and will work each other across the room, demonstrating various techniques that a good tester uses. This will help all of us in the Fox Hunt and other contests.

Mike Gipe will do a construction demonstration using surface mount components. He will build the surface mount TiCK keyer kit. Embedded Research has graciously donated the kits for the demonstration. We are doing this to show how easy it is to do surface mount, as we are planning on doing a surface mount transceiver kit in 1998. The kit is being developed right now, and it will have all the bells and whistles in a surface mount/through hole combination component kit. Plans are to include digital readout and a keyer in the kit. The board is being laid out now, and we will give further details early in 1998.

There will also be table space available for anyone who wants to bring QRP gear to sell. The QRP Vendors who will be at the convention are also invited to set up tables in the hospitality room. If any of the other clubs are going to be here they are also invited to set up a table. There is no charge for the tables.

NorCal wants this to be a fun weekend. We are providing the speakers to give the West Coast QRPers an opportunity to hear World Class Speakers and to promote QRP, which is our purpose. Hope to see you there. 72, Jim, WA6GER and Doug, KI6DS

Date: Tue, 23 Sep 1997 13:52:50 -0700
From: "Edward A. Stag1" <edstag1@worldnet.att.net>
To: qrp-1@Lehigh.EDU
Subject: [27306] Test
Message-ID: <34282C22.60E9@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Test Please disregard

--

Ed Stag1 N2GVS edstag1@att.net

Date: Tue, 23 Sep 1997 11:50:52 -0600 (MDT)
From: "Thomas J. Whalen" <whalen@swcp.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [27307] Heath manual wanted
Message-ID: <Pine.SUN.3.91.970923114821.29888A-100000@kitsune.swcp.com>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hello Fellow QRPers! I need a copy of a manual for a Heathkit GR-78 shortwave receiver. I will pay all costs involved. I also remember a site that had Heath manuals if someone could tell me. Thanks, Tom WB5QYT

Date: Tue, 23 Sep 97 19:08:23 UT
From: "DANIEL DOBSON" <DAN DOBSON@classic.msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [27308] RE: BC-611/Whiterook Connection!!
Message-ID: <UPMAIL11.199709232007270154@classic.msn.com>

John,

"Whiterook" was the code name for the squad led by the character Staff Sergeant Saunders in the 60's TV serial "Combat". Almost during every episode he would have a QSO with "Checkmate King 2" which was the company HQ. His call would sound like this, "Checkmate King 2 this is Whiterook, over". The BC 611 was the radio used. BTW, the late actor, Vic Morrow played the part of Sgt Saunders.

Dan Dobson KG9KF

From: owner-qrp-l@Lehigh.EDU on behalf of John Roblin
Sent: Tuesday, September 23, 1997 5:36 AM
To: Low Power Amateur Radio Discussion
Subject: BC-611/Whiterook Connection!!

HI Everyone!

Here's a fun brain teaser. The FIRST one to come up with the answer wins a free Model Q-1 QRP T-Shirt! (That is, if there even is a winner. This is a tough one!!!)

What is the connection between the famous BC-611 World War II QRP walkie talkie and our name "Whiterook" Products??

E-Mail me privately and directly. If there's a winner, the name and answer will be announced on our website.

Have Fun/73, -John

John Roblin WA6KY0
Whiterook Products Company
Ventura, CA
<http://www.west.net/~wpc>
wpc@west.net

Date: Tue, 23 Sep 1997 17:15:40 -0400
From: "Ron Polityka" <wb3aal@talon.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [27309] QRP AField
Message-ID: <199709232123.RAA09815@pelican.talon.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I want to thank everyone that made a contact with me during the contest. I feel pretty stupid about something that I did during the contest.

The entire week before the contest I was running around like a crazy man. I only got my things together Thrusday night. I was running late on Friday when I went to pick up Len, N2BSC, who want to learn about contesting. Well on Thrusday night I made my log sheets up on the computer. I even put all my info that I was going to send during the contest (RST, PA, 9mW). So far so good. Len was surprised that I was going to run that low of power.

Well it was not until Tuesday when I read my e-mail that I realized what I did wrong. I read the message from Joe, W2KJ, he said that he could not believe that I was running 9mW also and he asked me to repeat the power. I was even impressed when I read Joe's e-mail and I said to my self, something does not look right. Well this goes out to Len, Joe and the other 14 contacts that I made.

Sorry, I made 15 mistakes. I was running 900 mW not 9mW.

That week was a rough one with just starting a new job on that Monday and just coming back from vacation.

Next time I am going to get ready 2 weeks before a contest, no more last minute!

73 & Good DXing
Ron de WB3AAL

E-mail: wb3aal@talon.net
BBS: WB3AAL @ WB3FYL.#BER.PA.USA.NA

OWL's Radio Club

QRP # 5318	PA QSO Party 1996 Small Club Gavel
G-QRP # 3031	PA QSO Party 1996 Active Member, High
10-10 # 13173	Average Aggregate Award
QRP-L # 1099	

Date: Tue, 23 Sep 1997 14:38:59 -0700 (PDT)
From: Danh Le <dql@slip.net>
To: qrp-l@Lehigh.EDU
Subject: [27310] FS: MFJ 9040 qrp rig for \$100
Message-ID: <E0xDcfc-0000ta-00@slip-3>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Having too many qrp rigs in the shack! I must get rid of the one I did not build. The 9040 rig is in mint condition. Will sell for \$100 including shipping. Comes with manual and original packaging.

Please email if interest.

72/73 de Dan, ke6d
dql@slip.net

Date: Tue, 23 Sep 1997 15:42:14 -0500
From: kreinbd@ccgate.dl.nec.com (David Kreinberg)
To: qrp-l@Lehigh.EDU
Subject: [27311] KIT(S) FROM NORCAL
Message-ID: <00019157.4159@ccgate.dl.nec.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Content-Description: cc:Mail note part

Gang,

Sorry about this, but I'm a tad confused by Doug's message this a.m.

Does NorCal have 2 kits coming out; one shortly at PacifiCom and available to us on 10/18, then one in 1998 (the surface mounted goodie announced today)?

Or, am I totally wet and these are one in the same?

I'm saving my pennies for the one on 10/18, but should I wait and hold out for the other in 1998?

Powers that be, please let us know!

73 de Dave NR3E/5
nr Dallas, TX
qrp-1 #25, Winner:1997 Texas QSO Party, QRP
WIMPS: Qs=061 30m=044 17m=12 12m=05 States=027/06/04
DX=03/03/01

Date: Tue, 23 Sep 1997 15:08:52 -0700
From: Bill Jones <kd7s@psnw.com>
To: qrp-1@Lehigh.EDU
Subject: [27312] Pacificon Antenna Presentation
Message-ID: <34283DF4.490B@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Friends,

For those attending Pacificon and are interested in high performance stealth antennas, I am scheduled to speak at the Antenna Forum (Friday, October 17th) on the subject of small diameter transmitting loop antennas. My presentation will cover theory, design, construction and operation.

This presentation is NOT affiliated with the NorCal sponsored QRP seminars and workshops scheduled for Saturday.

--

Bill Jones - KD7S <><
Sanger, California
kd7s@psnw.com

Date: Tue, 23 Sep 1997 15:16:31 -0700 (PDT)
From: David Feldman <dgf@netcom.com>
To: qrp-1@Lehigh.EDU
Subject: [27313] First-time SMD builder suggested tools?
Message-ID: <199709232216.PAA29190@netcom4.netcom.com>

It smells a bit like it's going to be SMD time for the next project. Given no experience or tools specifically for SMD, maybe someone would like to suggest a beginner's tool kit (particular kind of soldering iron and solder wick, for 2 examples?)

73 Dave WB0GAZ dgf@netcom.com

Date: Tue, 23 Sep 1997 18:38:19 -0400
From: "Bob Edwards, W4ED" <w4ed@flash.net>
To: qrp-1@Lehigh.EDU
Cc: "Bob Hanrahan, K4ZD" <k4zd@flash.net>, "Ron Pace, AA4RP" <aa4rp@amsat.org>, "Ray Sanders, KS4EG" <ray.chris.sanders@juno.com>
Subject: [27314] QRP Afield
Message-ID: <342844DB.1B77@flash.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Finally made it to THE picnic table on the shore of the lake that I've been trying for nearly two years. It was worth it too. Nice breeze, plenty of sun (Bubba style), and loads of boaters playing on Lake Lanier, Georgia. This site was situated on a western point overlooking the South central portion of the lake. This lake is one of the largest Army Corp impoundment's in the USA. Nearly 600 miles of shore line, so I've been told. Great fish'n too.

Rig was a borrowed QRP+ (TKS K4ZD), ant was a OCF vertical dipole, antenna tuner was the ZM-1, single paddle keyer was homebrew ARS, and power was from a lawn tractor lead acid battery.

QSO rate was low, more due to the distractions than anything else. Did manage a few well known ops: N4BP,N2T0,K0FRP,K10J,K5ZTY from the lake site. It was one of those great escape moments, like a good book or good movie. Time just didn't matter.

But time did run out, way too soon, I packed up and returned home.

Was able to finish the required home tasks then got back on the air with same rig but a different ant. It was the ant I had made for the lake site but didn't deploy cause of other picnic table activity near by. I had made up an ARS/PQ style inverted Vee with the lightest (cheapest) twin lead I could find. It worked like a champ and the ZM-1 tuned it with ease. Apex was about 40 feet. I'll take this ant on the next day-hike. Again, the sling shot & 2 oz weight nailed the tree at the lake & at home on the first blast.

Was surprised to copy 9 mw from WB3AAL, I even asked him to repeat it once. I would have asked again but with his good 339 coming into Georgia, Ron would have thought I couldn't copy CW. Nice job Ron.

Cam/N6GA fooled me with a club call. He was my only CA QSO & best DX.

8 contacts on 40m, 13 contacts on 20m, with 12 SPC := 1008 points, and a very enjoyable QRP'test, thanks NEQRP.

--

Bob 72/73

<http://www.qsl.net/w4ed>

W4ED nr Atlanta @EM73wt

...."QRP", more from less....

```
      /|
     / |
    /  | \
   /| / E | \
  /_|/_|_|_|_|_|_|
 [ \-----/ ]
```

Date: Tue, 23 Sep 1997 15:51:05 -0700 (PDT)
From: Danh Le <dql@slip.net>
To: qrp-l@Lehigh.EDU
Subject: [27315] MFJ 9040 rig sold...
Message-ID: <E0xDdn0-0002j8-00@slip-3>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

> not build. The 9040 rig is in mint condition. Will sell for \$100

> including shipping. Comes with manual and original packaging.

This radio had been sold.

tnx es 72 de Dan, ke6d

Date: Tue, 23 Sep 1997 18:53:54 -0400
From: "Bernard F. Gaffney, Jr." <n8pvz@voyager.net>
To: qrp-l@Lehigh.EDU
Subject: [27316] ZM-1 Sold
Message-ID: <3.0.16.19970923184714.289790fe@mail.voyager.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

To all those who replied (and it was a deluge!) to my offer of the ZM-1:
Thanks. It's been sold.

72/73 de N8PVZ

We are QRP	Bernard F. Gaffney, Jr. N8PVZ
Resistance is futile	MI-QRP# M-1152 QRP-ARCI# 9446
You will be assimilated	n8pvz@voyager.net
	http://www.voyager.net/personal/n8pvz.html

End of QRP-L Digest 857

